CLAIMS

1. Method for clearing an overload situation in a telecommunication system comprising:

a first network element (LE);

5   a second network element (AN);

subscriber ports (1; 1^1, 1^2, 1^3, ...) comprised in said network elements (LE, AN); and

an interface (V5) connecting the subscriber ports of the first network element (LE) to the subscriber

10   ports of the second network element (AN),

in which telecommunication system:

a subscriber's call attempt is transmitted by the second network element (AN) to the first network element (LE);

15   it is detected that the signalling channel between the network elements (LE, AN) and/or the first network element (LE) are/is overloaded;

the subscriber's call attempt is inhibited in the first network element (LE);

20   c h a r a c t e r i z e d   in that the method comprises the steps of:

causing a notice advising that the subscriber's call attempt is to be inhibited in the second network element (AN) to be sent by the first network element

25   (LE) to the second network element (AN); and

inhibiting the subscriber's call attempt in the second network element (AN).

2. Method as defined in claim 1, c h a r a c - t e r i z e d   in that the subscriber's call attempt is

30   inhibited in the second network element (AN) during a period of time prescribed by the first network element (LE).

3. Method as defined in claim 1 or 2, c h a r a c t e r i z e d   in that the inhibition of the

35   subscriber's call attempt in the second network element (AN) is cancelled if the overload situation in

the signalling channel and/or first network element
(LE) is cleared.

4. Method as defined in any one of the pre-
ceding claims 1 - 3, c h a r a c t e r i z e d   in that
the inhibition of the subscriber's call attempt in the
second network element (AN) is cancelled even if the
period of time prescribed by the first network element
(LE) has not yet elapsed.

5. Method as defined in any one of the pre-
ceding claims 1 - 4, c h a r a c t e r i z e d   in that

a priority class analysis regarding the subscriber
is performed in the first network element (LE); and

the subscriber's call attempts are inhibited in
the second network element (AN) if the result of the
priority class analysis permits it.

6. Method as defined in any one of the pre-
ceding claims 1 - 5, c h a r a c t e r i z e d   in that,
in the case of a terminating call,

the inhibition of the subscriber's call attempt in
the second network element (AN) is cancelled; and

the call is set up in the normal manner.

7. Method as defined in any one of the pre-
ceding claims 1 - 6, c h a r a c t e r i z e d   in that
the interface (V5) is a V5.2 interface.

8. System for clearing an overload situation
in a telecommunication system comprising:

a first network element (LE);

a second network element (AN);

subscriber ports (1; 1^1, 1^2, 1^3, ...) comprised in
said network elements (LE, AN); and

an interface (V5) connecting the subscriber ports
of the first network element (LE) to the subscriber
ports of the second network element (AN),

in which telecommunication system:

a subscriber's call attempt is transmitted by the
second network element (AN) to the first network ele-
ment (LE);

it is detected that the signalling channel between the network elements (LE, AN) and/or the first network element (LE) are/is overloaded;

the subscriber's call attempt is inhibited in the
5   first network element (LE);

c h a r a c t e r i z e d   in that the system comprises:

means (2) for causing the first network element (LE) to send a call inhibition notice to the second
10   network element (AN); and

means (3) for inhibiting the subscriber's call attempt in the second network element (AN).

9. System as defined in claim 8, c h a r a c - t e r i z e d   in that system comprises means (4) for
15   cancelling the inhibition of the subscriber's call attempt in the second network element (AN).

10. System as defined in claim 8 or 9, c h a r a c t e r i z e d   in that the system comprises means (5) for performing a priority class analysis re-
20   garding the subscriber.

11. System as defined in any one of the preceding claims 8 - 10, c h a r a c t e r i z e d   in that the interface (V5) is a V5.2 interface.

12. System as defined in any one of the pre-
25   ceding claims 8 - 11, c h a r a c t e r i z e d   in that the telecommunication system is a telephone exchange system.

13. System as defined in any one of the preceding claims 8 - 12, c h a r a c t e r i z e d   in that
30   the first network element (LE) is a telephone exchange.